

# **Client Installation and Execution System for Streamed Applications**

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## **ABSTRACT**

A client installation and execution system for streamed applications requires the user or administrator to obtain a subscription to the streamed application program from a subscription server before installation of the streamed application program begins. The client then obtains an encrypted access token for the streamed application program from a license server upon acknowledgment of a valid license, receives an installation information block from the server, and installs the proper icons, aliases, and description onto the client that give the user the proper look and feel of the original application program. A file spoofer is installed on the client that redirects file accesses from the client's local file system to the streaming server's file system. A registry spoofer is provided on the client for intercepting all registry calls on the client and redirecting calls that manipulate certain registries to an alternate path specified in a registry database on the client. An application page cache is also provided on the client that is managed by a cache manager that requests application pages of the streamed application program from the server. During execution of the streamed application program, page requests are generated and the cache manager requests any application pages from the server that are not resident in the application page cache and places the requested application pages in the application page cache.